



PCT

(10) International Publication Number
WO 2005/062232 A3

(51) International Patent Classification⁷ : G06F 19/00

(21) International Application Number: PCT/IB2004/052772

(22) **International Filing Date:**
13 December 2004 (13.12.2004)

(25) **Filing Language:** English

(26) **Publication Language:** English

(30) Priority Data:
03104839.0 19 December 2003 (19.12.2003) EP

(71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).

(71) Applicant (for AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CY, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, SZ, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW only): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) **Inventors/Applicants (for US only): KLABUNDE, Karin** [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). **BALDUS, Heribert** [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).

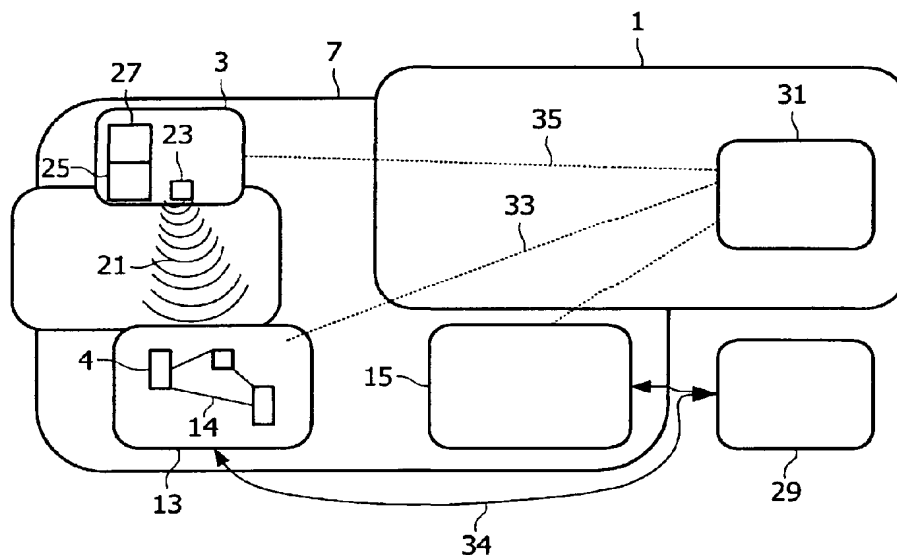
(74) **Agents:** VOLMER, Georg et al.; Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: PATIENT NETWORK WITH WIRELESS MEDICAL APPARATUSES AND ALLOCATION THEREOF TO A PATIENT AND HIS NETWORK



(57) Abstract: Wireless medical apparatus (3) having a transceiver unit (23), an indicating device (27) and an input device (25) and having a function for automatic integration of the medical apparatus (3) into the nearest patient network (13). Allocation of the medical apparatus (3) can be effected by a method in which the apparatus is integrated into the nearest patient network after enabling of the apparatus. The patient network can be in the form of a personal area network.

WO 2005/062232 A3



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

(88) Date of publication of the international search report:
9 March 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB2004/052772

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	W0 02/067449 A (ELLIS, MICHAEL, D) 29 August 2002 (2002-08-29)	1,3-11
Y	page 4, line 32 - page 5, line 2 page 7, line 15 - page 8, line 5 page 10, lines 18,19 page 29, lines 25-28 page 30, lines 2-7 page 31, line 32 - page 33, line 7 page 41, line 28 - page 42, line 1	2
Y	US 2001/023315 A1 (FLACH TERRY E ET AL) 20 September 2001 (2001-09-20) paragraphs [0104], [0105]	2
X	US 2002/109621 A1 (KHAIR MOHAMMAD ET AL) 15 August 2002 (2002-08-15) paragraph [0087]	1,3

-/--

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

10 August 2005

Date of mailing of the international search report

04.11.05

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Chabros, C

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052772

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>AKYILDIZ I F ET AL: "Wireless sensor networks: a survey" COMPUTER NETWORKS, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 38, no. 4, 15 March 2002 (2002-03-15), pages 393-422, XP004341653 ISSN: 1389-1286 page 396, right-hand column - page 397, right-hand column -----</p>	

INTERNATIONAL SEARCH REPORT

Internal application No.
1.../IB2004/052772

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-11

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11

A method for integration of a medical wireless apparatus into a personal area network and a corresponding medical wireless apparatus.

2. claims: 12-13

A locating system for use in a hospital, in which location data of apparatuses situated in a monitoring area are stored.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL03/052772

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02067449	A	29-08-2002	CA 2438994 A1 EP 1362430 A2	29-08-2002 19-11-2003
US 2001023315	A1	20-09-2001	US 6589170 B1	08-07-2003
US 2002109621	A1	15-08-2002	AU 5708301 A CA 2405861 A1 EP 1290658 A2 JP 2004503266 T MX PA02010273 A WO 0178831 A2 US 6441747 B1	30-10-2001 25-10-2001 12-03-2003 05-02-2004 25-04-2003 25-10-2001 27-08-2002